

ABSTRACT OF DISCLOSURE

The present invention discloses a position detecting apparatus that can adequately perform gain adjustment and offset adjustment and can suppress deterioration in position detection accuracy. The position detecting apparatus according to the present invention includes a position sensor outputting at least two phases of position detecting signals according to the movement of an object, and a signal adjusting unit performing the gain and offset adjustment of each position detecting signal by using adjustment data. In addition, the position detecting apparatus includes a counter that counts a wave number from a reference position, and a memory circuit that stores adjustment data corresponding to the wave number. Then, the signal adjusting unit adjusts gains and offsets of the position detecting signals on the basis of the adjustment data that corresponds to the counted wave number and is stored in the memory circuit.